

*KRAPOVICKASIA PHYSALOIDES* (MALVACEAE) AND  
*LACTUCA INTYBACEA* (ASTERACEAE) NEW  
TO TEXAS AND THE UNITED STATES

We herein report the above two species new to the United States so that their names may be readily available to those individuals working on the Flora of North America project.

Fryxell (1978) segregated four species of *Sida* including *Sida physaloides* Presl into *Krapovickasia*. Until now *K. physaloides* (Presl) Fryxell has been reported in oak forest only from the Mexican states of Tamaulipas, Nuevo Leon, and San Luis Potosí (Fryxell 1988). In June of 1995, the second author collected this species in Texas.

Voucher specimen. TEXAS. Karnes Co.: sandy oak woods on the Adanal Ranch off of highway 119, 5 mi SE of Gillett, 14 Jun 1995, *Muschalek 10* (SBSC, TEX).

He found the plants only on sandy soil under post oak (*Quercus stellata* Wang.) trees and noted that they were totally absent from the adjacent mesquite dominated clay soils. He estimated that at least 2,000 plants were growing on 300 acres of sandy soils. In late July of 1995, the flowers opened at about 4:00 p.m. and closed at approximately 6:00 p.m. The fresh flowers were white but faded to a pale rose color when they closed (Fig. 1). Other associated plants included: *Diospyros texana* Scheele, *Opuntia leptocaulis* DC, *Opuntia lindheimeri* Engelm, *Mahonia trifoliolata* (Moric.) Fedde, *Dyschoriste linearis* (T.&G.) O. Ktze., *Coreopsis nuecensis* Heller, *Sabatia campestris* Nutt., *Hypericum drummondii* (Grev. & Hook.) T.&G., *Sida lindheimeri* Engelm. & Gray, *Sida ciliaris* L., *Sida rhombifolia* L., *Galactia marginalis* Benth., *Zornia gemella* Vogel, *Chamaecrista fasciculata* (Michx.) Greene, *Cynanchum barbigerum* (Scheele) Shinnery, *Polygala incarnata* L., and *Aster sericeus* Vent. Dr. Fryxell (TEX) kindly verified our identification.

*Lactuca intybacea* Jacq. is a weedy tropical plant occurring from Sinaloa and San Luis Potosí southward through Mexico, Central America, and the West Indies to northern South America (McVaugh 1984). In 1993 the first author collected an unknown composite in Starr County, Texas (Fig. 2). He identified it as a *Lactuca* and later as the above species by comparison with collections at TEX.

Voucher specimen: TEXAS: Starr Co.: small population on dry caliche slopes overlooking the broad floodplain of the Rio Grande River along hwy 83 near the high water tower E of Rio Grande City, 16 Mar 1993, *Brown 16813* (SBSC, TEX).

The following partial list of species on these caliche slopes emphasizes the essentially Mexican nature of the vegetation at this site: *Cordia boissieri* A. DC., *Helietta parvifolia* (Gray) Benth., *Mortonia greggii* Gray, *Aloysia*



FIG. 1. *Krapovickasia physaloides*. Flower and leaves from the Adanal Ranch population.

*macrostachya* (Torrey) Moldenke, *Gochnatia hypoleuca* (DC.) Gray, *Lippia graveolens* H.B.K., *Waltheria indica* L., *Turnera diffusa* Willd., *Cenchrus ciliaris* L., *Meximalva filipes* (Gray) Fryxell, *Hibiscus martianus* Zucc., *Cevallia sinuata* Lag., *Nama undulatum* H.B.K., *Nama parvifolium* (Torrey) Greenm., *Nama jamaicense* L., *Acalypha hederacea* Torrey, *Nerisyrenia camporum* (Gray) Greene, *Croton incanus* H.B.K., and *Senna baubinioides* (Gray) Irwin & Barneby.



FIG. 2. *Lactuca intybacea*. Close up photograph of the collection, *Brown 16813*, from the Spring Branch Science Center Herbarium (SBSC). Bar equals 2 cm.

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